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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

BLUNDELL et al.

Serial No. **09/820,745**

Filed: **March 30, 2001**

For: **CRYSTAL STRUCTURE**



Atty. Ref.: **620-139**

Group: **1651**

Examiner:

* * * * *

November 19, 2001

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT

Responsive to the Notice to Comply dated September 18, 2001 (copy attached), entry and consideration of the following amendments and remarks are requested.

IN THE SPECIFICATION

Amend the specification as follows.

Pages 20-21, delete the paragraph beginning on page 20, line 19 and extending through to page 21, line 6, and insert the following therefor:

--35 proteins or translated gene-sequences have been identified using a PSI-BLAST search, with high enough similarity to be classified as members of the KPHMT family (22) . The enzyme is found in bacteria, lower eukaryotes (e.g. yeast) and in the plant *Arabidopsis thaliana* but is not found in *Caenorhabditis elegans*, *Drosophila melanogaster* or, as yet, in other higher eukaryotes. This is consistent with the end product of this pathway being a vitamin. We have analyzed the sequences from the 35